



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM

Thomas A. Stith III
President

ALAMANCE COMMUNITY COLLEGE
ASHEVILLE-BUNCOMBE TECHNICAL
COMMUNITY COLLEGE
BEAUFORT COUNTY COMMUNITY COLLEGE
BLADEN COMMUNITY COLLEGE
BLUE RIDGE COMMUNITY COLLEGE
BRUNSWICK COMMUNITY COLLEGE
CALDWELL COMMUNITY COLLEGE
& TECHNICAL INSTITUTE
CAPE FEAR COMMUNITY COLLEGE
CARTERET COMMUNITY COLLEGE
CATAWBA VALLEY COMMUNITY COLLEGE
CENTRAL CAROLINA COMMUNITY COLLEGE
CENTRAL PIEDMONT COMMUNITY COLLEGE
CLEVELAND COMMUNITY COLLEGE
COASTAL CAROLINA COMMUNITY COLLEGE
COLLEGE OF THE ALBEMARLE
CRAVEN COMMUNITY COLLEGE
DAVIDSON-DAVIE COMMUNITY COLLEGE
DURHAM TECHNICAL COMMUNITY COLLEGE
EDGECOMBE COMMUNITY COLLEGE
FAYETTEVILLE TECHNICAL COMMUNITY
COLLEGE
FORSYTH TECHNICAL COMMUNITY COLLEGE
GASTON COLLEGE
GUILFORD TECHNICAL COMMUNITY COLLEGE
HALIFAX COMMUNITY COLLEGE
HAYWOOD COMMUNITY COLLEGE
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JAMES SPRUNT COMMUNITY COLLEGE
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LENOIR COMMUNITY COLLEGE
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MAYLAND COMMUNITY COLLEGE
MCDOWELL TECHNICAL COMMUNITY COLLEGE
MITCHELL COMMUNITY COLLEGE
MONTGOMERY COMMUNITY COLLEGE
NASH COMMUNITY COLLEGE
PAMLICO COMMUNITY COLLEGE
PIEDMONT COMMUNITY COLLEGE
PITT COMMUNITY COLLEGE
RANDOLPH COMMUNITY COLLEGE
RICHMOND COMMUNITY COLLEGE
ROANOKE-CHOWAN COMMUNITY COLLEGE
ROBESON COMMUNITY COLLEGE
ROCKINGHAM COMMUNITY COLLEGE
ROWAN-CABARRUS COMMUNITY COLLEGE
SAMPSON COMMUNITY COLLEGE
SANDHILLS COMMUNITY COLLEGE
SOUTH PIEDMONT COMMUNITY COLLEGE
SOUTHEASTERN COMMUNITY COLLEGE
SOUTHWESTERN COMMUNITY COLLEGE
STANLY COMMUNITY COLLEGE
SURRY COMMUNITY COLLEGE
TRI-COUNTY COMMUNITY COLLEGE
VANCE-GRANVILLE COMMUNITY COLLEGE
WAKE TECHNICAL COMMUNITY COLLEGE
WAYNE COMMUNITY COLLEGE
WESTERN PIEDMONT COMMUNITY COLLEGE
WILKES COMMUNITY COLLEGE
WILSON COMMUNITY COLLEGE

January 26, 2021

MEMORANDUM

TO: Presidents
Chief Academic Officers

FROM: Lisa M. Eads, Associate Vice President
Programs

SUBJECT: State Board Action on January 15, 2021
New Curriculum Standard

On January 15, 2021, the State Board of Community Colleges approved curriculum courses and a curriculum standard for the following new curriculum program:

Textiles Technology (A50500)

If you have any questions concerning the State Board action item, please contact Dr. Lisa Eads at 919.807.7133 or eadsl@nccommunitycolleges.edu. An outline of the new courses, new curriculum standard are attached for your convenience. You may view all curriculum standards and courses by visiting the Programs website at: <http://www.nccommunitycolleges.edu/academic-programs/curriculum-standards>

LE/gr

Attachments

c: Dr. Kimberly Gold
Dr. Deana Guido
Mr. Bryan Jenkins
Program Coordinators

CC21-004
Email

Curriculum Program Title	Textiles Technology	Program Code	A50500
Concentration	(not applicable)	CIP Code	14.2801

Curriculum Description

This curriculum prepares individuals for textile manufacturing.

Coursework includes industrial safety, quality control, and textile courses in yarn production, weaving processes, dyeing, finishing, and fiber science.

Graduates should qualify as technicians, managers, or designers in the textile industry.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

IV. Employability Competencies

Fundamental competencies that address soft skills vital to employability, personal, and professional success are listed below. Colleges are encouraged to integrate these competencies into the curriculum by embedding appropriate student learning outcomes into one or more courses or through alternative methods.

- A. Interpersonal Skills and Teamwork** – The ability to work effectively with others, especially to analyze situations, establish priorities, and apply resources for solving problems or accomplishing tasks.
- B. Communication** – The ability to effectively exchange ideas and information with others through oral, written, or visual means.
- C. Integrity and Professionalism** – Workplace behaviors that relate to ethical standards, honesty, fairness, respect, responsibility, self-control, criticism and demeanor.
- D. Problem-solving** – The ability to identify problems and potential causes while developing and implementing practical action plans for solutions.
- E. Initiative and Dependability** – Workplace behaviors that relate to seeking out new responsibilities, establishing and meeting goals, completing tasks, following directions, complying with rules, and consistent reliability.
- F. Information processing** – The ability to acquire, evaluate, organize, manage, and interpret information.
- G. Adaptability and Lifelong Learning** – The ability to learn and apply new knowledge and skills and adapt to changing technologies, methods, processes, work environments, organizational structures and management practices.
- H. Entrepreneurship** – The knowledge and skills necessary to create opportunities and develop as an employee or self-employed business owner.

An **Employability Skills Resource Toolkit has been developed by NC-NET for the competencies listed above. Additional information is located at: <http://www.nc-net.info/employability.php>*

***The **North Carolina Career Clusters Guide** was developed by the North Carolina Department of Public Instruction and the North Carolina Community College system to link the academic and Career and Technical Education programs at the secondary and postsecondary levels to increase student achievement. Additional information about Career Clusters is located at: http://www.nc-net.info/NC_career_clusters_guide.php or <http://www.careertech.org>.*

Proposed Textiles Course

*Effective Term – Fall 2021 [2021*03]*

TEX 215 Dyeing and Finishing

Class 3 Lab 0 Clinical 0 Work 0 Credit 3

Prerequisites: None

Corequisites: None

This course covers the preparation, dyeing, printing, and finishing of natural and man-made fabrics. Emphasis is placed on the chemical nature of dyes and the fastness and properties of finishes used to impart specific end-use attributes. Upon completion, students should be able to demonstrate a working knowledge of testing, inspecting, and processing parameters of textile dyeing.